

# **Future Combat Systems Program Update**

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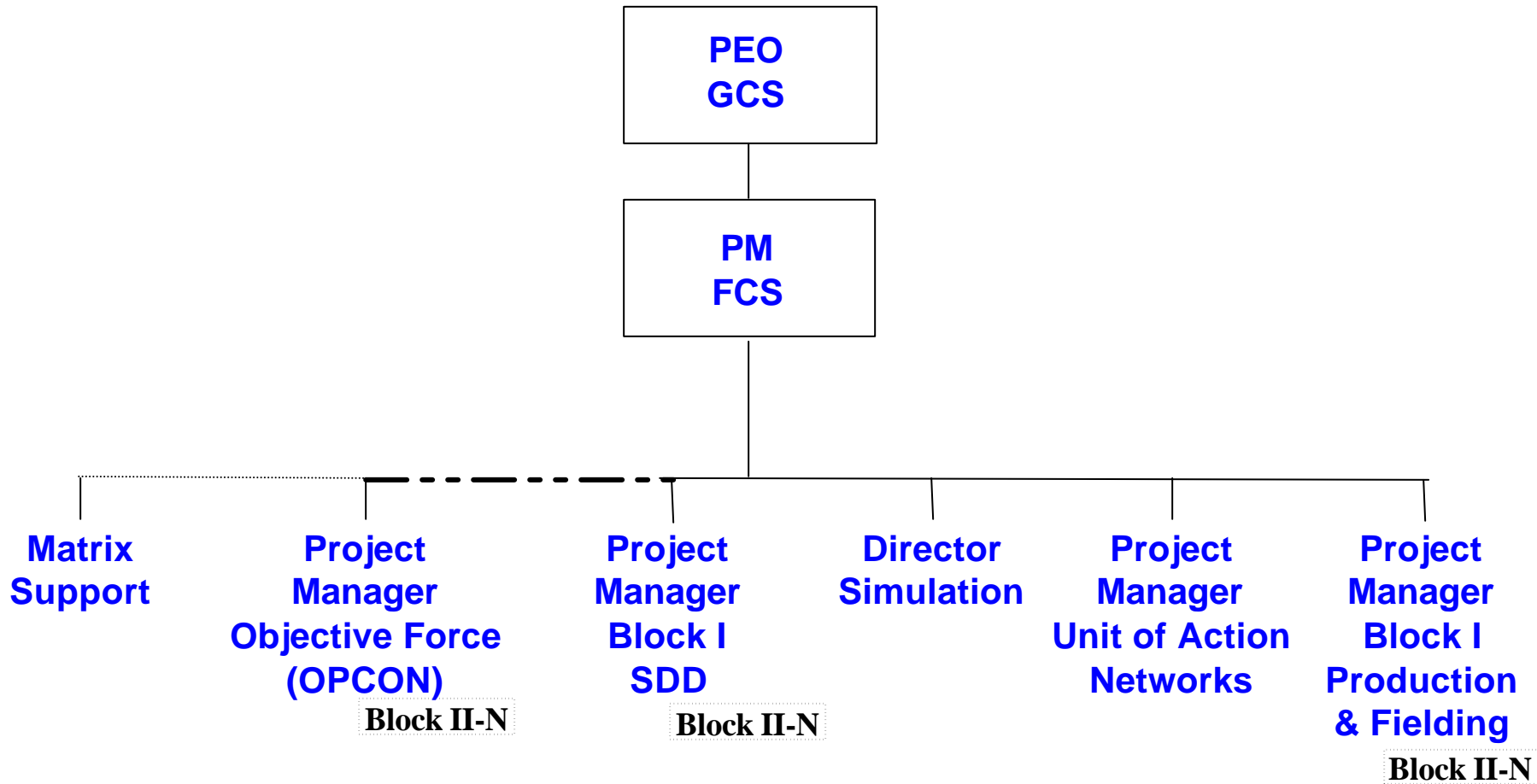
**Program Manager, Future Combat Systems**

**Program Manager's Intent:** Field FCS-Equipped Units of Action With  
Threshold Objective Force Capability by the End of the Decade



# Program Manager Future Combat Systems

(Provisional Structure)



**Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade.**



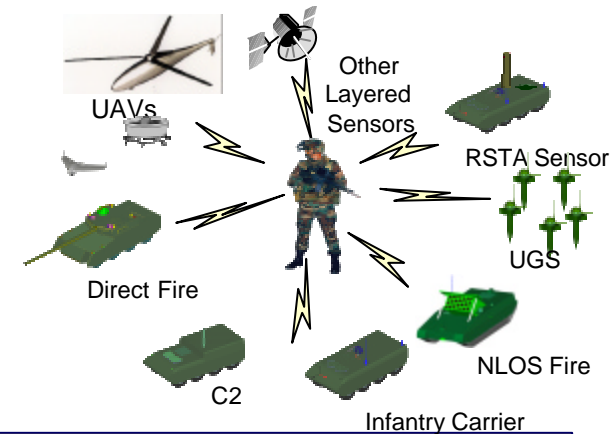
# Program Perspective



## ❖ DARPA/Army MOA for an FCS collaborative S&T program

- ❖ 28 Feb 2000
- ❖ reflects program with Milestone B in FY06
- ❖ 45/55 Share thru FY05

## ❖ Two Phased Approach



### *Concept and Technology Development--Phase I*

Four Industry Teams Were Chartered to:

- ✓ Develop Innovative Warfighting and Technical Concepts
- ✓ Explore the Art of the Possible in a Broad Trade Space

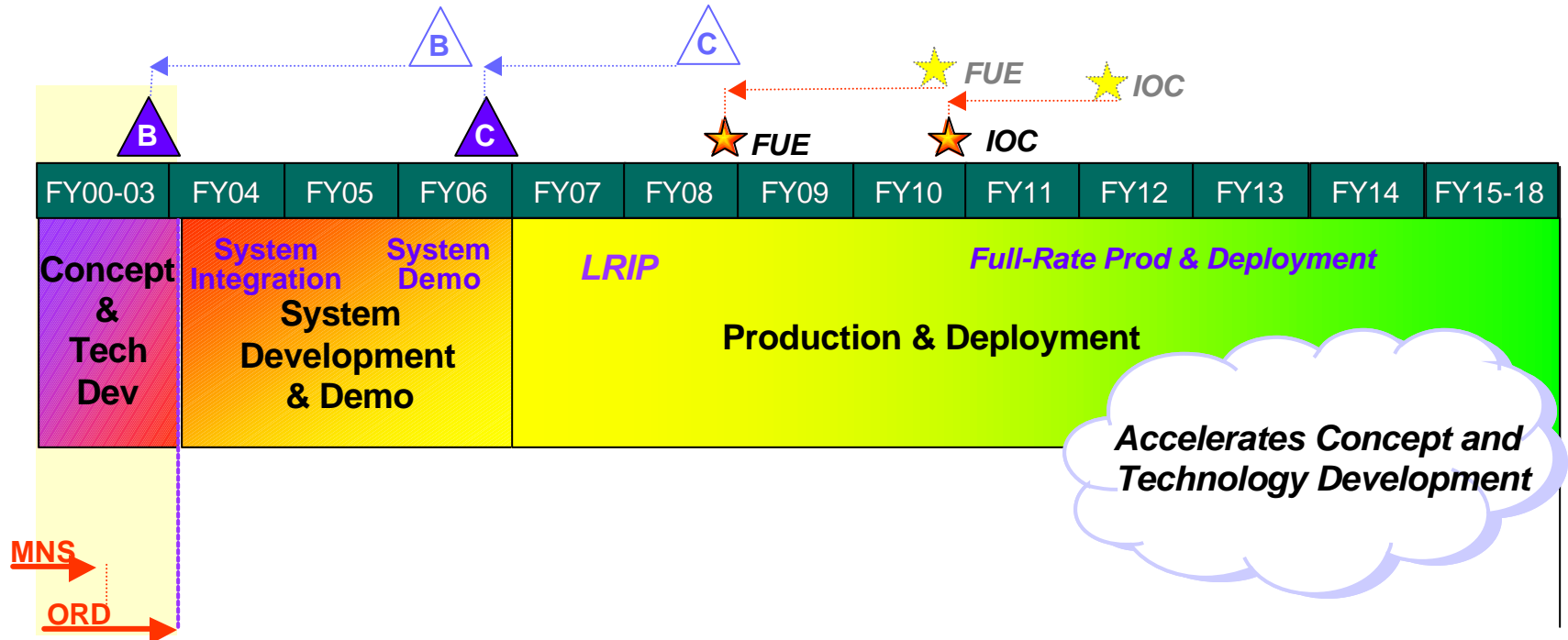
### *Concept and Technology Development--Phase II*

- ✓ Competitively Select an Industry Lead Systems Integrator (LSI)
- ✓ Transition to Army Lead for Systems Development and Demonstration

Field FCS-Equipped Units of Action With Threshold Objective  
Force Capability by the End of the Decade.



# FCS Acquisition Concept



## The Lead Systems Integrator (LSI)...

- Entered Into OTA 845 Agreement in Mar 02
- Forms Partnership With the Government for Remainder of CTD Phase
- Carries Out Competitions for FCS Sub-systems/sub-components
- Negotiate Option to Continue Through SDD

Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade.



# *Approach to Objective Capability*

## *Threshold Capability*

- | Complete Development of Unit of Action Requirements
- | Define Threshold Capability for IOC During CTD
- | Recognize That Capability is Partially a Function of Availability of Technologies...Nested in D, T, L, O, and S!!
- | Objective Unit of Action Capability Not Achievable in a Single Step
  - **Constrained by Maturity of Technologies**
  - **Must Evolve As Threats Adapt and The Army Matures**
  - **Driven by More Than FUE / IOC Dates**
- | Open Architecture Supports Evolutionary Acquisition & Technology Insertion

## *Technology Insertion*

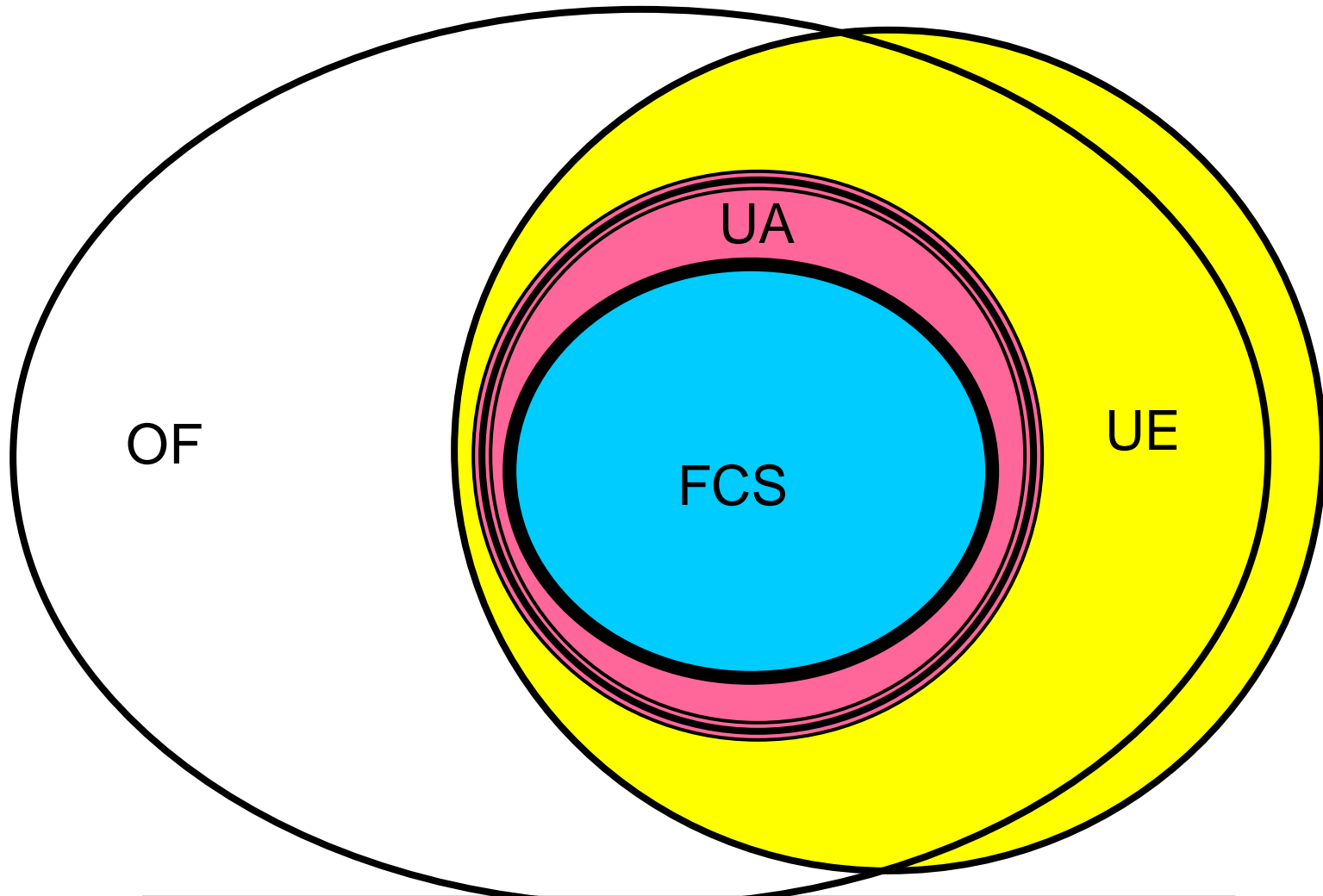
- | Capability Assessment in Advance of Each Insertion Point
- | Schedule May Be Dependent Upon Completion of Block I
- | Focus on Fielding Significant Warfighting Capabilities

**Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade.**





# Capabilities Relationships



**Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade.**





# Closing Thoughts

- **This is Different...But Not That Different**
- **This is Part of The Army of the 21<sup>st</sup> Century**
- **This is a 4-Way Partnership....**
  - **Army Combat Developers**
  - **Army Materiel Developers**
  - **Industry**
  - **DARPA**
- **We Must Do This...It Is A National Imperative**

**Program Manager's Intent:** Field FCS-Equipped Units of Action With Threshold Objective Force Capability by the End of the Decade